



PATENT
Attorney Docket No. ASC-058A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Vineis *et al.* CONFIRMATION NO.: 9702
SERIAL NO.: 10/647,074 ART UNIT: 2823
FILING DATE: August 22, 2003 EXAMINER: Lee, H.M.
TITLE: SEMICONDUCTOR HETEROSTRUCTURES AND RELATED
METHODS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

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Carrah M. Malone

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Submitted herewith are:

1. Transmittal Form (1 page);
2. Amendment and Response (8 pages); and
3. Return receipt postcard



TRANSMITTAL FORM

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Serial Number</td><td>10/647,074</td></tr> <tr><td>Filing Date</td><td>August 22, 2003</td></tr> <tr><td>First Named Inventor</td><td>Vineis</td></tr> <tr><td>Group Art Unit</td><td>2823</td></tr> <tr><td>Examiner Name</td><td>Lee, H.M.</td></tr> <tr><td>Attorney Docket No.</td><td>ASC-058A</td></tr> <tr><td>Patent No.</td><td>Not applicable</td></tr> <tr><td>Issue Date</td><td>Not applicable</td></tr> </table>	Application Serial Number	10/647,074	Filing Date	August 22, 2003	First Named Inventor	Vineis	Group Art Unit	2823	Examiner Name	Lee, H.M.	Attorney Docket No.	ASC-058A	Patent No.	Not applicable	Issue Date	Not applicable
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ENCLOSURES (check all that apply)

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<input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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SIGNATURE BLOCK

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AMENDMENT AND RESPONSE

In response to a second non-final Office action mailed from the U.S. Patent and Trademark Office on March 1, 2005, Applicants respectfully submit the following Amendment and Response. Applicants believe that no extension-of-time or other fee is due for this Amendment and Response to be entered and considered. However, please consider this a conditional petition for the proper extension, if one is required, and a conditional authorization to charge any related extension fees or other fees necessary for entry of this paper to Deposit Account No. 07-1700.

Amendments to the Claims begin on page 2 of this paper.

Applicants' Remarks begin on page 7 of this paper.